MagnaBook
PageComp
MagnaFile

Integrated Composition and Professional Publishing Systems

MAGNA

Product Tasks

Input Options

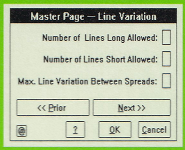
Workflow Highlights

MagnaBook

Footnoting and column balancing features fulfill government and legal publishing requirements. Text retrieval and insertion features create dictionary-style headers in reference books. Table and graphic integration features are useful in producing scholastic books.

Automatic import and conversion
Word processing documents created in Word Perfect, Microsoft Word, and XyWrite are converted as they are imported. Or import text-only ASCII files from any source.

Create chapter layouts
Use a Windows interface to create book templates which describe the various chapter styles. A single template may be used in the creation of many books.



Master Page — Line Variation

Number of Lines Long Allowed: ☐

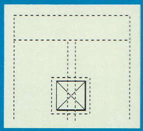
Number of Lines Short Allowed: ☐

Max. Line Variation Between Spreads: ☐

Text and graphics assignments
Assign text files and graphics to the layout. These are positioned in the document according to parameters established in the book template.

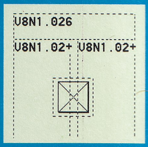
PageComp

Integrate tables and graphics to speed catalog production. Newspaper and magazine production benefits from PageComp's controlled multiple user access to documents, and from automation features such as jump frame creation.



Create/open layout
Maintain a library of document layouts to use as templates for any job. Or create a unique layout from scratch with point-and-click ease and pica-and-point precision.

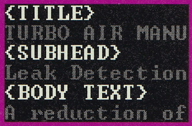
Text and graphics assignments
Map text flow from page to page. Jump frames are automatically created and updated. Assign and dynamically size graphics to fit the layout.



MagnaFile

MagnaFile's batch processing power can streamline database publishing. Automatically import data, paginate, and send to a proofer or typesetter without any operator intervention.

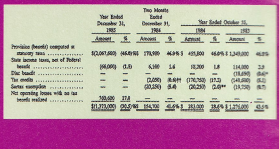
Automatic import
Minimize keyboarding by importing text files from any source. Designate a level of processing for the imported data (storage, proofing, or typesetting) and override this on the fly.



```
<TITLE>
TURBO AIR MANU
<SUBHEAD>
Leak Detection
<BODY TEXT>
A reduction of
```

Job formatting
Use generic style sheets to tag elements of a document. Change the overall layout by changing the style sheets.

Tabular
Extensive tabular features simplify the creation of complex tables. Automated functions reduce markup and redundant coding.



	Year Ended December 31, 1985		Two Months Ended December 31, 1984		Year Ended October 31, 1984		1983	
	Amount	%	Amount	%	Amount	%	Amount	%
Provision (benefit) computed at statutory rates	$(2,087,600)	(46.0)%	$ 170,900	46.0%	$ 455,800	46.0%	$ 1,349,000	46.0%
State income taxes, net of Federal benefit	(68,000)	(1.5)	6,100	1.6	18,200	1.8	114,000	3.9
Disc benefit	—	—	—	—	—	—	(18,650)	(0.6)*
Tax credits	—	—	(2,050)	(0.6)††	(170,750)	(17.2)	(148,600)	(5.1)
Surtax exemption	—	—	(20,250)	(5.4)	(20,250)	(2.0)**	(19,750)	(0.7)
Net operating losses with no tax benefit realized	760,600	17.0	—	—	—	—	—	—
	$(1,373,000)	(30.5)%	$ 154,700	41.6%	$ 283,000	28.6%	$ 1,276,000	43.5%

Express route

Unite the powers of automatic text import and background processing to boost production throughput. Data can be imported, paginated, and directed to a proofer or typesetter in a hands-free database publishing environment.

Text input

☐ Keyboard entry
☐ Telecommunications
☐ Floppy diskettes
☐ Mainframe or mini via tape or online connection

Graphics input

☐ Clip-art/CD-ROM
☐ Graphic programs
☐ Video grabber
☐ Scanner (B&W/color)
☐ PC/Mac sources supported

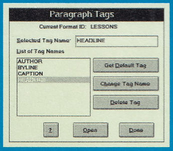
Express route

Use automatic import and batch processing to go from raw text files to typeset book pages without manual intervention.

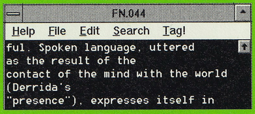
Batch processing
Queue the book for hands-off batch processing. Items can be added or removed from the queue, prioritized, or put on hold.

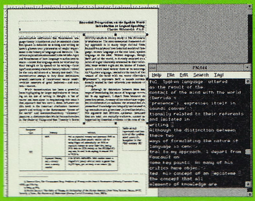
The auto import and conversion process can be activated in this phase so that a book will import, convert, paginate, and output with no operator intervention.

Paragraph tags
Typographic features are added or changed through paragraph tags. A tag is created for each text style in the document.


Paragraph Tags
Current Format ID: LESSONS
Selected Tag Name: HEADLINE
List of Tag Names
AUTHOR
BYLINE
CAPTION
Get Default Tag
Change Tag Name
Delete Tag
Open
Done

View and edit
Interactively view and alter the pages. Use the Text Editor to correct or add copy. H&J a single altered paragraph, and limit the justification ripple to a single page, a spread, or a page range.

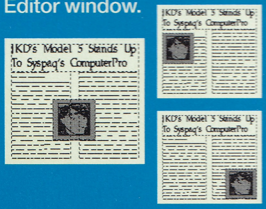

FN.044
Help
File
Edit
Search
Tag!
ful. Spoken language, uttered
as the result of the
contact of the mind with the world
(Derrida's
"presence"), expresses itself in



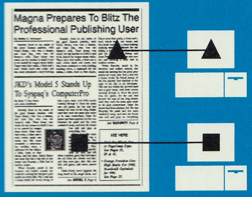
H&J/preview
Fast, online H&J gives immediate feedback about the document. Preview a document on-screen before the first proof.

Tabular integration
Tables can flow onto a page or be placed as a graphic. Extensive tabular capabilities include sixty tab columns, automatic rule generation, and alignment on any character.

Interactive editing
Use the mouse or keyboard to interactively change the layout. Edit copy in the Text Editor window.


JKD's Model 5 Stands Up To Syspaq's ComputerPro
JKD's Model 5 Stands Up To Syspaq's ComputerPro
JKD's Model 5 Stands Up To Syspaq's ComputerPro

Multiple access document editing
PageComp manages and controls multiple user access to a document so that several editors may concurrently update text within the same document.

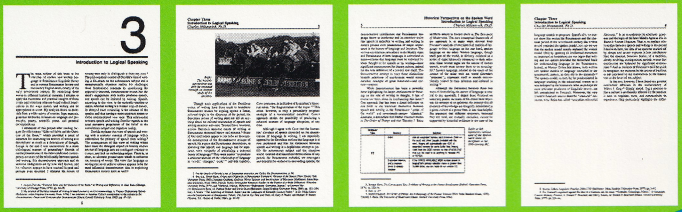

Magna Prepares To Blitz The Professional Publishing User
JKD's Model 5 Stands Up To Syspaq's ComputerPro

Proof
A PostScript laser printer can simulate the output of any typesetter. Share departmental proofers over the network.

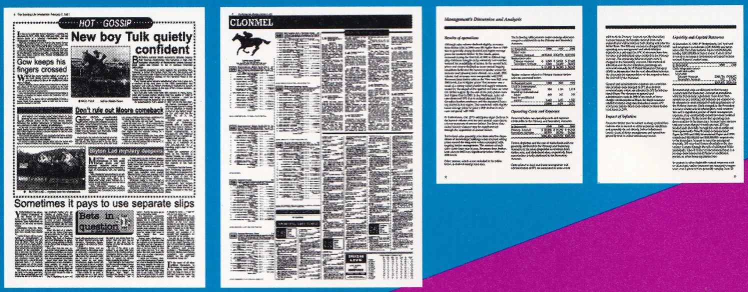
Background composition
Magna maintains high throughput speeds by making each workstation do double duty. While an operator is editing text in the foreground, Magna can assign a background task such as import or page composition to that workstation. Processing tasks are distributed across the network, not queued in a single computer.

Output Samples

Proof
Use a low resolution PostScript laser printer before printing to a typesetter, imagesetter or platemaker. Proofing devices may be shared among all Magna workstations.

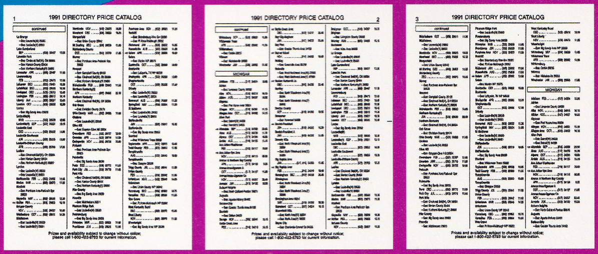

3
Introduction to Logical Speaking

Final output
Set selected pages or the entire book. It's easy to change and set corrected pages at the last minute.

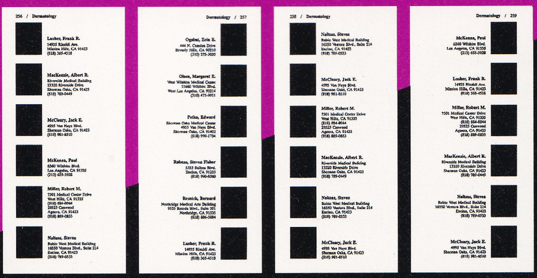

HOT GOSSIP
New boy Tulk quietly confident
Gow keeps his fingers crossed
Don't rule out Moore comeback
Sometimes it pays to use separate slips
Bets in question
CLONMEL
Management's Discussion and Analysis

Final output
After the final proofs, go direct to film or plates with full magazine or newspaper pages.

Proof
Workstations can share a PostScript laser printer that simulates the typeset output from any device. Proof with or without graphics and color breaks.


1991 DIRECTORY PRICE CATALOG
1991 DIRECTORY PRICE CATALOG
1991 DIRECTORY PRICE CATALOG

Final output
Specify the features to be used for a page or document – orientation, resolution, reverse or mirror image. And change these features on the fly in the Print Manager.


Dermatology

Corrections
Revision tracking and job routing functions help expedite and control repetitive editorial revision cycles. A system activity log assists in job billing and management reports.

Output tasks and the Print Manager
One Print Manager can control the output queues and devices shared among MagnaFile, PageComp, and MagnaBook. Virtually all popular typesetter models are supported, including PostScript and nonPostScript devices. Select a PostScript device to output spot color separations and graphics, or choose a faster non-PostScript device for text output. The Print Manager can govern simultaneous output to different typesetter models.

An Integrated Composition System

MagnaFile, PageComp, and MagnaBook form the Magna family of professional composition software. Alone, each addresses a unique set of production requirements. Together, these components create a cost-effective system solution that handles a full spectrum of composition and publishing tasks.

MagnaFile's batch processing is ideal for directories, handbooks, and database publishing. PageComp's interactive page layout capabilities facilitate magazine, newsletter, and newspaper production. MagnaBook specializes in automated professional book composition.

A Standard Platform

All three use standard networked PCs to create a workgroup environment of shared resources and devices on a true multi-user network.

This standard PC platform enables the total integration of the many unrelated portions of a publishing environment, including black and white or color graphics creation and output, and editorial input from any source. Transplatform networking solutions integrate unrelated hardware and permit the smooth flow of data.

International Capabilities

Screenforms and menus may be viewed in all major European languages, and in Eastern European languages such as Czech and Russian.

Hyphenation logic and exception dictionaries for each language are included in all the programs.

Unprecedented Automation

Magna's unique system orientation manages processing tasks in each workstation to permit the fastest throughput possible with the least amount of operator intervention.

Text may be automatically imported, converted, processed, and output to proofing or typesetting devices without any operator's involvement. Magna software provides unprecedented automation in database publishing and book composition.

Unmatched Aesthetics

This family of professional typesetting software shares a level of automatic aesthetic control seldom seen in other systems:

☐ Up to 3,000 kern pairs for each typeface

☐ Unlimited font capacity and online access

☐ Letterspacing, ligature, and tracking controls

☐ Extensive special character access

Graphics vs Speed

Magna software can drive PostScript and non-PostScript devices. This allows the selection of an output device that balances the requirement for graphics against the need for high speed output. Different typesetter models from various manufacturers may operate simultaneously.

MagnaFile, PageComp, and MagnaBook are designed to increase productivity by increasing total system throughput. Their combination of affordability and increased capabilities creates a cost-effective solution for professional publishers.

Recommended system configuration:

IBM or compatible 80386 or better

MS-DOS version 3.3, 5.0, or higher

Windows 3.0 or higher

Novell Netware

MAGNA

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